

**PATENT COOPERATION TREATY**  
**PCT**  
**INTERNATIONAL SEARCH REPORT**  
**(Article 18 and Rules 43 and 44 PCT)**

File No. for Applicant or Attorney: PLA 0413	<b>FURTHER STEPS:</b> See form PCT/ISA/220 and following Point 5 if applicable	
International File No: PCT/EP2005/002282	International Filing Date: (day/month/year) 03/04/2005	Priority Date: (day/month/year) 03.20/2004
Applicant: <b>FORSCHUNGSZENTRUM KARLSRUHE GMBH</b>		
This international search report was compiled by the International Search Department and will be sent to the applicant in accordance with Article 18. A copy will also be sent to the International Office.		
This international search report comprises a total of _____ 4 ____ pages.		
<input checked="" type="checkbox"/> Additionally enclosed are respectively one copy of the prior art documents cited in this report.		
1. <b>Basis of the report:</b> <ul style="list-style-type: none"> <li>a) With respect to language, the international search is based on the international application in the language in which it was originally filed, unless otherwise stipulated herein.               <ul style="list-style-type: none"> <li><input type="checkbox"/> The international search was carried out on the basis of the translation filed with this department of the originally filed application (Rule 23.1).</li> </ul> </li> <li>b) <input type="checkbox"/> With respect to the nucleotide and/or amino acid sequence disclosed in the international application see field No. 1.</li> </ul>		
2. <input type="checkbox"/> <b>Specific claims could not be searched</b> (see field II).		
3. <input type="checkbox"/> <b>Lack of unity of invention</b> (see field III).		
4. With respect to the title of the invention <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> The wording provided by the applicant is approved.</li> <li><input type="checkbox"/> The department has provided the following wording.</li> </ul>		
5. With respect to the Abstract <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> The wording submitted by the applicant is approved.</li> <li><input type="checkbox"/> The wording according to Rule 38.2b) in field No. IV is approved by the department in the version provided. The applicant can submit comments within one month following the date of mailing of this International Search Report.</li> </ul>		
6. With respect to the drawings <ul style="list-style-type: none"> <li>a. The following drawing is published together with the Abstract: Figure No. _____               <ul style="list-style-type: none"> <li><input type="checkbox"/> As proposed by the applicant.</li> <li><input type="checkbox"/> As selected by this office because applicant did not submit a drawing.</li> <li><input type="checkbox"/> As selected by this office because the drawing better characterizes the invention.</li> </ul> </li> <li>b. <input checked="" type="checkbox"/> None of the drawings is published along with the Abstract.</li> </ul>		

# INTERNATIONAL SEARCH REPORT

International File Number:  
PCT/EP 2005/002282

<p>A. Classification of subject matter of application:  <b>IPK 7 C12G1/022 A23N1/00</b>          Based on international patent classification (IPC) or the national classification and the IPC</p> <p>B. SEARCHED FIELDS          Searched publications included in minimum material (classification system and classification symbols)  <b>IPK 7 C12G A23N</b></p> <p>Searched publications not belonging to minimum material, insofar as these fall into the searched fields.</p> <p>Electronic data bank consulted during the international search (name of databank and possibly used search terms)          EPO internal, WPI data, PAJ, FSTA, BIOSIS, COMPENDEX</p> <p>C. DOCUMENTS CONSIDERED ESSENTIAL</p>		
Categories	Publication title, if necessary by listing parts to be considered	concerning claim No.
X	WO 03/070026 A (DSM IP ASSETS B.V.; STARK, JACOBUS; DUTREUX, NICOLE, LILIANE) August 28, 2003 (2003-08-28) line 13 on page 3 - line 5 on page 4 Example 3 lines 12-18 on page 6 -----	7-12
X	EP 0 728 189 A (INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE) August 28, 1996 (1996-08-28)	6
A	line 29 on page 2 - line 25 on page 3 -----	1-5
X	FR 2 826 665 A (BRUNET) January 3, 2003 (2003-01-03) Abstract	6
A	-----	1-5
<input checked="" type="checkbox"/> Additional publications follow from the continuation of field C		<input checked="" type="checkbox"/> See appendix for patent family
<p>Special categories for listed references:</p> <p>“A” Publication defining the general state of the art, but no particularly important.          “E” Older publication, published only on or after the application date          “L” Publication suitable to cast doubt on priority claim or which lists the date of publication for another reference cited in the search report, or which is cited for different reasons (as listed).          “O” Publication relating to an oral disclosure, use, exhibition, or other measures.          “P” Publication published before the application date but on or after the claimed priority date.          “T” Later publication published on or after the application date and which does not conflict with the application but is cited only for a better understanding of the principles or theories on which the invention is based.          “X” Publication of special significance; the claimed invention cannot be viewed as new or based on inventive activity solely on the basis of this publication.          “Y” Publication is of particular importance; the claimed invention cannot be viewed as based on inventive activity if this publication is combined with one or several other publications in this category and if this combination suggests itself to the person skilled in the art.  &amp; Member of the same family of patents.</p>		
Date international search report was completed: <b>May 19, 2005</b>	Date international search report was sent <b>06/06/2005</b>	
Name and postal address for International Search Dep. European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Responsible employee <b>Koch, J.</b>	

# INTERNATIONAL SEARCH REPORT

International File No:

PCT/EP 2005/002282

C (continued)	Documents considered essential	
Categories	Publication title, if necessary by listing parts to be considered	concerning claim No
A	<p>TEDJO W. ET AL: "Use of Non-Thermal Process for Making Grape Cells More Permeable and Extraction of Said Substances"            Publication: FLÜSSIGES OBST            Vol. 69, No: 9, 2002, pp 578-583            XP 008047184            pge 579, paras. 5, 9 in colum 1            page 579, para. 1 in column 2</p> <p>----</p>	1-12
A	<p>DATABASE WPI            Section Ch, Week 199329            Derwent Publications Ltd., London, GB;            Class D16, AN 1993-234314            XP002328605            &amp; SU 1 751 188 A1 (AS UKR            ELECTROHYDRAULIC DES BUR), July 30, 1992            (1992-07-30)            Abstract</p> <p>----</p>	1-12
A	<p>GB 570 866 A (CHARLES REID)            July 26, 1945 (1945-07-26)            Page 10, column 1, lines 48-56;            Claims 1, 2</p> <p>----</p>	1-12
A	<p>US 2003/073238 A1 (DZEKUNOV SERGEY M ET AL), April 17, 2003 (2003-04-17)            Abstract; claim 56            Paragraph '0193!</p> <p>----</p>	7-12
A	<p>DE 101 44 479 A1 (FORSCHUNGSZENTRUM KARLSRUHE GMBH; KEA-TEC GMBH)            March 27, 2003 (2003-03-27)            Claims; Figures</p> <p>----</p>	7-12

## INTERNATIONAL SEARCH REPORT

Information on publications, which belong to the same  
patent family<sup>1</sup>

International File Number:  
PCT/EP 2005/002282

Patent documents listed in the search report	Publication date	Member of patent family(ies)	Publication date

Form PCT/ISA/210 (continuation of page 2) (January 2004)

<sup>1</sup> Note: The numbers will not be typed in. For information see original.